

# United States Department of Agriculture

## MONTHLY LIST OF PUBLICATIONS

APRIL, 1932

**Send no remittances to the United States Department of Agriculture**

Any five of the general publications listed herein, except those otherwise noted, may be obtained free upon application to the United States Department of Agriculture, Washington, D. C., as long as the department's supply lasts. As many as five additional publications may be sent free if the applicant gives sufficient proof that they are urgently needed. Free distribution of periodicals is restricted.

After the department's supply is exhausted, publications may still be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C., but by purchase only, and at the prices stated herein.

Except in the case of exchanges, publications are not sent free to residents of foreign countries.

**Send all remittances to the Superintendent of Documents direct.** His office is not a part of the Department of Agriculture.

### GENERAL PUBLICATIONS

#### FARMERS' BULLETINS

These bulletins discuss in nontechnical language a wide variety of subjects pertaining to the farm and farm home.

Production of clean milk. Ernest Kelly and C. J. Babcock, Bureau of Dairy Industry. 18 p., illus. (Farmers' Bulletin 602F., rev.) Price, 5¢.

Duck raising. Alfred R. Lee and Sheppard Haynes, Bureau of Animal Industry. 22 p., illus. (Farmers' Bulletin 697F., rev.) Price, 5¢.

How to attract birds in the Middle Atlantic States. W. L. McAtee, Bureau of Biological Survey. 16 p., illus. (Farmers' Bulletin 844F., rev.) Price, 5¢.

The control of the clover-flower midge. C. W. Creel and L. P. Rockwood, Bureau of Entomology. 12 p., illus. (Farmers' Bulletin 971F., rev.) Price, 5¢.

Cooling milk and cream on the farm. J. A. Gamble. Revised by R. P. Hotis, Bureau of Dairy Industry. 13 p., illus. (Farmers' Bulletin 976F., rev.) Price, 5¢.

Mule production. J. O. Williams, Bureau of Animal Industry. 28 p., illus. (Farmers' Bulletin 1341F., rev.) Price, 5¢.

Farm poultry raising. M. A. Jull, Bureau of Animal Industry. 28 p., illus. (Farmers' Bulletin 1524F., rev.) Price, 5¢.

Rose diseases: Their causes and control. Alma M. Waterman, Bureau of Plant Industry. 21 p., illus. (Farmers' Bulletin 1547F., rev.) Price, 5¢.

Propagation of trees and shrubs. Guy H. Yerkes, Bureau of Plant Industry. 52 p., illus. (Farmers' Bulletin 1567F., rev.) Price, 10¢.

Soybean utilization. W. J. Morse, Bureau of Plant Industry. 28 p., illus. (Farmers' Bulletin 1617F., rev.) Price, 5¢.

The safe use and storage of gasoline and kerosene on the farm. Issued by the Bureaus of Chemistry and Soils, Agricultural Engineering, and Agricultural Economics, in cooperation with the National Fire Protection Association. 14 p., illus. (Farmers' Bulletin 1678F.) Price, 5¢.

How to control grasshoppers in cereal and forage crops. J. R. Parker, W. R. Walton, and R. L. Shotwell, Bureau of Entomology. 14 p., illus. (Farmers' Bulletin 1691F.) Price, 5¢.

#### DEPARTMENT BULLETINS

The Department Bulletins are technical or scientific in nature and apply to a special crop, industry, or locality. This series ends with No. 1500, and is succeeded by the Technical Bulletin series. The editions are limited.

Varieties of cheese: Descriptions and analyses. C. F. Doane, Bureau of Dairy Industry, and H. W. Lawson, Office of Experiment Stations. Revised by K. J. Matheson, Bureau of Dairy Industry. 68 p. (Department Bulletin 608D., rev.) Price, 15¢.

#### TECHNICAL BULLETINS

The Technical Bulletins contain the results of scientific and research work applying to a special crop, industry, or locality. The editions are limited as they are intended primarily for scientific workers and subject-matter specialists.

Analyses and composition of California lemon and orange oils. H. D. Poore, Bureau of Chemistry and Soils. 31 p., illus. (Technical Bulletin 241T.) Price, 5¢.

- The bacterial spot disease of the peach and other stone fruits. John C. Dunegan, Bureau of Plant Industry. 54 p., illus. (Technical Bulletin 273T.) Price, 20¢.
- Experiments with insecticides for codling-moth control. E. J. Newcomer and M. A. Yothers, Bureau of Entomology. 29 p., illus. (Technical Bulletin 281T.) Price, 15¢.
- Strength-moisture relations for woods. T. R. C. Wilson, Forest Service. 88 p., illus. (Technical Bulletin 282T.) Price, 20¢.
- Some physical properties of starch pastes which affect their stiffening power on fabrics. Margaret S. Furry, Bureau of Home Economics. 18 p., illus. (Technical Bulletin 284T.) Price, 5¢.
- Farm-management problems in shifting from sack to bulk handling of grain in the Pacific Northwest. Neil W. Johnson, Bureau of Agricultural Economics; E. F. Landerholm, Washington Agricultural Experiment Station; G. W. Kuhlman, Oregon Agricultural Experiment Station; and T. L. Gaston, Idaho Agricultural Experiment Station. In cooperation with the Agricultural Experiment Stations of Washington, Oregon, and Idaho. 40 p., illus. (Technical Bulletin 287T.) Price, 15¢.
- Land utilization in Laurel County, Ky. C. F. Clayton, Bureau of Agricultural Economics, and W. D. Nicholls, University of Kentucky. In cooperation with Kentucky Agricultural Experiment Station. 100 p., illus. (Technical Bulletin 289T.) Price, 25¢.
- Investigations on harvesting and handling fall and winter pears. W. T. Pentzer, J. R. Magness, H. C. Diehl, and M. H. Haller, Bureau of Plant Industry. 30 p., illus. (Technical Bulletin 290T.) Price, 15¢.
- The effect of air drying on the hydrogen-ion concentration of the soils of the United States and Canada. Ernest H. Bailey, Bureau of Chemistry and Soils. 44 p., illus. (Technical Bulletin 291T.) Price, 10¢.
- Factors affecting the development of loose smut in barley and its control by dust fungicides. R. W. Leukel, Bureau of Plant Industry. 20 p. (Technical Bulletin 293T.) Price, 5¢.
- Susceptibility of barley to leaf rust (*Puccinia anomala*) and to powdery mildew (*Erysiphe graminis hordei*). E. B. Mains and Mary L. Martini, Bureau of Plant Industry. 34 p. (Technical Bulletin 295T.) Price, 5¢.
- Feeding punctures of Mirids and other plant-sucking insects and their effect on cotton. W. V. King and W. S. Cook, Bureau of Entomology. 12 p., illus. (Technical Bulletin 296T.) Price, 5¢.
- Cotton improvement through type selection, with special reference to the Acala variety. O. F. Cook, Bureau of Plant Industry. 62 p., illus. (Technical Bulletin 302T.) Price, 30¢.

#### CIRCULARS

This series carries the less technical and more informal material of the same general nature as that in the Technical Bulletin series.

- Bud variation in peaches. A. D. Shamel, C. S. Pomeroy, and F. N. Harmon, Bureau of Plant Industry. 22 p., illus. (Circular 212C.) Price, 10¢.
- Small plants for pasteurizing milk. Fred M. Grant and Clarence E. Clement, Bureau of Dairy Industry. 23 p., illus. (Circular 214C.) Price, 5¢.
- Cronartium comptoniae, the sweetfern blister rust of pitch pines. Perley Spaulding and J. R. Hansbrough. 22 p., illus. (Circular 217C.) Price, 5¢.

#### MISCELLANEOUS PUBLICATIONS

This series includes those publications of a miscellaneous nature which do not fall within any of the other series issued by the department, particularly those of a size other than octavo. Such publications were formerly issued as Miscellaneous Circulars.

- Protect white pine from blister rust. J. F. Martin, Bureau of Plant Industry. Folder, illus. (Miscellaneous Publication 22MP., rev.) Price, 5¢.
- List of available publications of the United States Department of Agriculture, January 2, 1932. Compiled by John O. Riley, Office of Information. 94 p. (Miscellaneous Publication 60MP., rev.) Price, 10¢.
- Film strips of the U. S. Department of Agriculture. 10 p. (Miscellaneous Publication 91MP., rev.) Price, 5¢.

- Market diseases of fruits and vegetables: Potatoes. George K. K. Link and Glen B. Ramsey, Bureau of Plant Industry. 63 p., illus. (Miscellaneous Publication 9SMP.) Price, 30¢.
- A digest of the literature of Derris (Deguelia) species used as insecticides, 1747-1931. R. C. Roark, Bureau of Chemistry and Soils. 86 p. (Miscellaneous Publication 120MP.) Price, 15¢.
- Workers in subjects pertaining to agriculture in State Agricultural Colleges and Experiment Stations. Mary A. Agnew, Office of Experiment Stations. 131 p. (Miscellaneous Publication 134MP.) Price, 25¢.
- Refrigeration in the handling, processing, and storing of milk and milk products. John T. Bowen, Bureau of Dairy Industry. 59 p., illus. (Miscellaneous Publication 13SMP.) Price, 10¢.
- Construction of sled-type cornstalk shavers. Frank Irons, Stanley W. McBirney, and R. M. Merrill, Bureau of Agricultural Engineering. 16 p., illus. (Miscellaneous Publication 142MP.) Price, 5¢.

#### SERVICE AND REGULATORY ANNOUNCEMENTS

Such notices of judgment, decisions, and instructions as are necessary in the enforcement of regulatory acts are contained in these announcements. They are issued monthly or as necessary by certain bureaus. *Free distribution* is limited to persons in the employ of the department, to public officials whose duties render it necessary for them to have such information, to journals especially concerned, and to manufacturers and firms whose business is affected by the announcements.

- Order to prevent the introduction into the United States of rinderpest and foot-and-mouth disease. Bureau of Animal Industry. 2 p. (B. A. I. Order 334. Effective on May 1, 1932.) Price, 5¢.
- Information, instructions, rulings, etc., concerning the work of the Bureau of Animal Industry for March, 1932. pp. 25-35. (S. R. A.—B. A. I. 299.) Price, 5¢.
- Notices of judgment under the food and drugs act. Food and Drug Administration. pp. 337-377. (N. J., F. D. 18501-18550.) Price, 5¢.
- Notices of judgment under the insecticide act. Food and Drug Administration. pp. 109-112. (N. J., I. F. 1216-1220.) Price, 5¢.
- European corn-borer quarantine. Quarantine No. 43. Revision of regulations. Plant Quarantine and Control Administration. 10 p. (P. Q. C. A.—Q. 43. Effective, February 5, 1932.) Price, 5¢.
- Service and regulatory announcements, October-December, 1931. Plant Quarantine and Control Administration. pp. 137-171, illus. (S. R. A. P.—Q. C. A. 109) Price, 5¢.
- Standards under the tea act. Effective May 1, 1932. Food and Drug Administration. 1 p. (S. R. A., T. No. 6.) Price, 5¢.

#### SOIL SURVEYS

These reports consist of two parts: (1) A soil map in colors showing the extent and distribution of the different soils in the area covered by the survey; and (2) a printed report containing brief descriptions of the area, its climate and agriculture, and detailed descriptions of the soils. They are of interest and value primarily to residents of the area surveyed and to soil specialists. All requests for Soil Surveys are referred to the Bureau of Chemistry and Soils, which controls their distribution.

- Kansas, Johnson County. (No. 17, Series 1928.) Price, 15¢.
- Nebraska, Dixon County. (No. 4, Series 1929.) Price, 15¢.
- Oregon, Marion County. (No. 32, Series 1927.) Price, 20¢.
- Wisconsin, Winnebago County. (No. 31, Series 1927.) Price, 5¢.

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## PERIODICALS

Free distribution of periodicals is definitely restricted. They may be obtained by purchase or subscription from the Superintendent of Documents.

**Agricultural situation.** Vol. 16, No. 4, April 1, 1931. Price 5¢ a copy; 25¢ a year, domestic; 40¢ a year, foreign.

A brief general summary of current conditions, including pertinent statistics relating to production, movement, consumption, and prices of the important farm products.

**Climatological data.** Vol. 18, No. 12, December, 1931.

In 42 sections, containing weather statistics for 42 separate sections, each corresponding, as a rule, to a State. Monthly information for 1 section is 50¢ a year; for data regarding all 42 sections, 35¢ a month, or \$4 a year.<sup>1</sup> Not for general distribution.

**Daily weather maps.** Limited editions. Not for general distribution.

Shows weather conditions for United States and forecast for all States east of the Mississippi River, except Illinois, Wisconsin, Indiana, Upper Michigan, Lower Michigan, Alabama, Mississippi, and the extreme western portion of Florida. Price, daily, except Sundays and holidays, 25¢ a month, \$3.00 a year; daily, including Sundays and holidays, 30¢ a month, \$3.60 a year. Sunday and holiday maps only, 50¢ a year. Foreign subscriptions, \$7.25 a year. Maps DD, E, and CM, showing the weather conditions and forecasts, are issued at numerous stations throughout the United States; 20¢ a month, \$2.40 a year.<sup>1</sup>

**Experiment station record.** Vol. 66, No. 5, April; No. 6, April, 1932, Abstract number. Single numbers for sale only. Price, 10¢.<sup>1</sup>

A technical review of the world's scientific literature pertaining to agriculture. Two volumes a year, of 10 numbers each; 75¢ a volume, domestic; \$1.25 a volume, foreign.

**Extension service review.** Vol. 3, No. 4, April, 1932. Illus. Price, 5¢ a copy; 50¢ a year, domestic; 75¢ a year, foreign.<sup>1</sup>

Issued monthly by the Extension Service, of which it is the official organ, for the distribution of administrative information.

**Forest worker.** Vol. 8, No. 2, March, 1932. Price 5¢ a copy; 25¢ a year, domestic; 35¢ a year, foreign.<sup>1</sup>

News of State forestry, forestry education, private forestry, and the work of the Forest Service.

**Journal of agricultural research.** Vol. 44, Nos. 3-4, February 1-15, 1932. Price, 20¢ a copy; \$4 a year, domestic; \$5.25 a year, foreign.<sup>1</sup> Not distributed free to individuals.

Of primary interest to agricultural scientists and advanced students only. Issued in 2 volumes a year, of 12 numbers each. Free distribution is limited to certain libraries and to institutions or departments doing research work. Separates of articles are distributed free to those desiring them, as long as the limited supply lasts.

**Monthly weather review.** Vol. 60, No. 1, January, 1932. Illus. Price, 15¢ a copy; \$1.50 a year, domestic; \$2.25 a year, foreign. Not for general distribution.

Contains (1) meteorological contributions and bibliography, (2) weather charts for the month with an interpretative summary, and (3) climatological tables.

**The official record.** Vol. 11, Nos. 14-17, April 2, 9, 16, 23, 1932. Price, 5¢ a copy; 50¢ a year, domestic; \$1.10 a year, foreign.<sup>1</sup>

Contains official orders and miscellaneous information concerning the department's activities and such other matter as should be brought to employees' attention.

**Weekly weather and crop bulletin.** Nos. 14-17, April 5, 12, 19, 26, 1932. Price, 50¢ a year, domestic; \$1 a year, foreign.<sup>1</sup>

Gives detailed weather conditions of preceding weeks and their effect on development of crops and farm operations. Limited edition.

<sup>1</sup> Payable to the Superintendent of Documents, Government Printing Office, Washington, D. C.

Indicate below, by numbers, bulletins desired. In order to assure prompt delivery, detach this frank and return in stamped envelope to U. S. Department of Agriculture, Office of Information, Washington, D. C. List no more than five publications.

Farmers' Bulletins	Leaflets	Technical Bulletins	Circulars	Miscellaneous Publications	Other publications